

July 12, 2004



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Your Reference: 10/781,812
Our Reference: 13210-15

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA
22313-1450

Dear Sir:

Re: Information Disclosure Statement for U.S. Patent Application No. 10/781,812
For: METHOD AND APPARATUS FOR IMPROVING POWER AMPLIFIER
EFFICIENCY IN WIRELESS COMMUNICATION SYSTEMS HAVING
HIGH PEAK TO AVERAGE POWER RATIOS
Filed: February 20, 2004
Inventors: CHAN, Wen-Yen et al.


In accordance with 37 C.F.R. 1.97 (b)(3) and 1.98, and in recognition of the duty of disclosure set forth in 37 C.F.R. 1.56, the applicant hereby submits an Information Disclosure Statement including a listing, on PTO Form SB/08A, of all patents and other publications of which the applicant is aware that may be considered material to the patentability of its claimed invention.

The filing of this statement shall not be construed as an admission that the information cited in the attached statement is, or is considered to be, material to patentability (37 CFR 1.97(h)), nor as an admission that it constitutes prior art.

Please have these documents recorded against the above-mentioned application.

Respectfully submitted,

By:



Tony R. Orsi
Registration No. 55,831

/cec
Encl.

Please send all correspondence to the Toronto office:

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(Use as many sheets as necessary)

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| Sheet | 1 | of | 1 |
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Complete if Known

| | |
|-------------------------------|-------------------|
| <i>Application Number</i> | 10/781,812 |
| <i>Filing Date</i> | February 20, 2004 |
| <i>First Named Inventor</i> | CHAN, Wen-Yen |
| <i>Art Unit</i> | 2631 |
| <i>Examiner Name</i> | N/A |
| <i>Attorney Docket Number</i> | 13210-15 |

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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